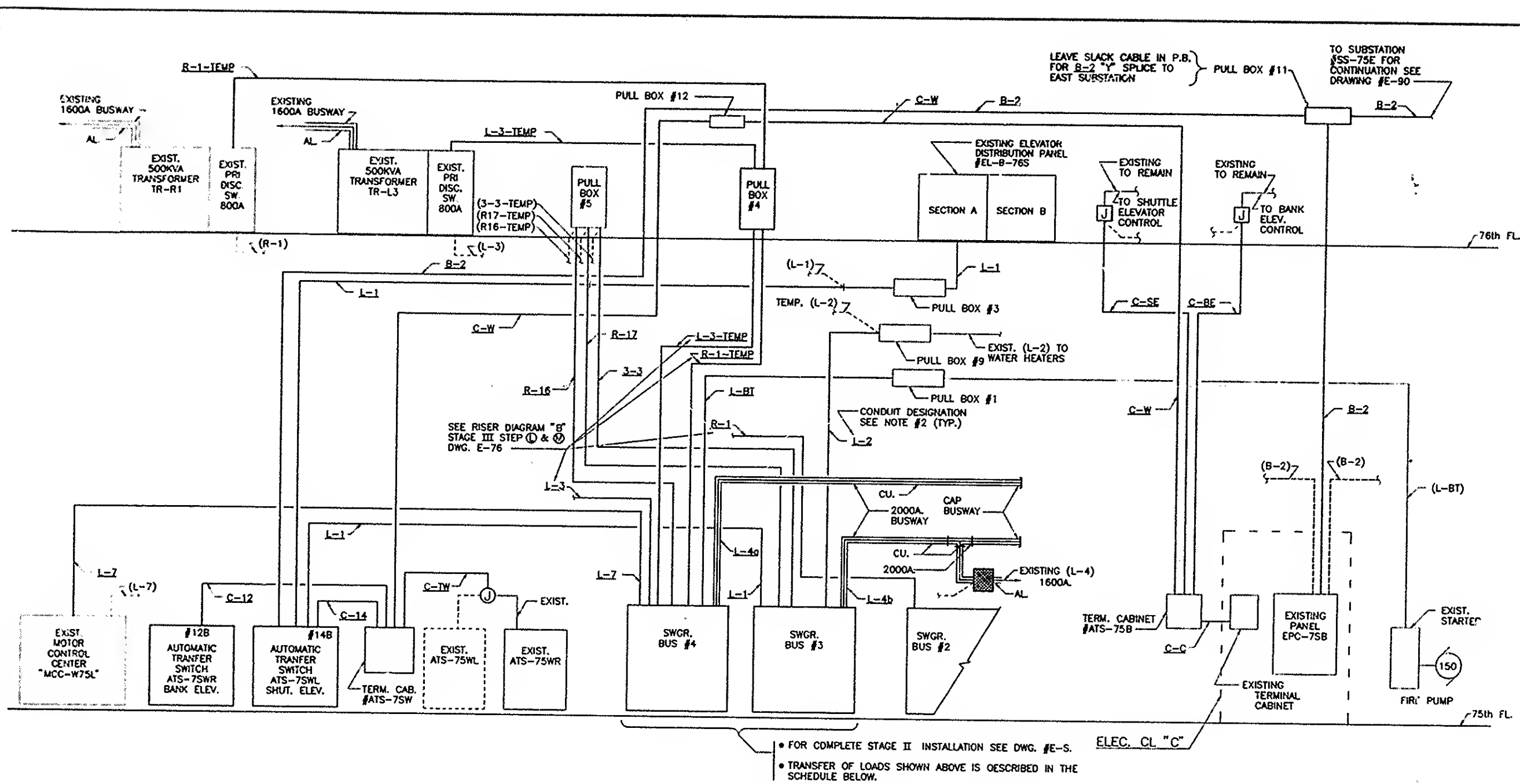


PA-SKT REV 5



RISER DIAGRAM

STAGE II STEP ① - DWG #E-5

(SEE NOTE #4)

SCHEDULE STAGE II STEP ① - TRANSFER LOADS TO BUS #3 & 4.

- CONDUIT DESIGNATION - SHUTTLE ELEVATORS -**
- CONTROL FOR SHUTTLE & BANK ELEVATORS**
- CDTS # C-12, C-14, C-W, C-TW, C-SE, C-BE, & C-C
- INSTALL C COT & WIRE FROM SHUTTLE & BANK ELEVATOR TRANSFER SWITCHES, AS SHOWN ABOVE
 - CONNECT ALL CONTROL WIRE AS SHOWN ON DWG #E-99 LEGEND - (SEE NOTE #3)
- L-1 NORMAL FEEDER TO SHUTTLE ELEV.**
- INSTALL L-1 COT & WIRE FROM SWGR. BUS #3 TO TRANSFER SWITCH
 - INSTALL COT, L-1 FROM TRANSFER SWITCH TO POINT OF CONNECTION TO EXIST. COT.
 - REMOVE EXIST. FDR (L-1) FROM PNL EL-B-76S BACK TO EXIST. SWGR.
 - CUT EXIST. COT, (L-1) & RECONNECT TO EXIST. SWGR.
 - MAKE CONNECTION TO EXIST. COT, AND INSTALL FEEDER FROM TRANSFER SWITCH TO PNL EL-B-76S VIA P.B. #3 (ENERGIZE)
- B-2 EMERG. FEEDER TO SHUTTLE ELEV.**
- INSTALL B-2 COT & WIRE FROM TRANSFER SWITCH TO EXIST. PNL (EPC-75B, VIA P.B. #1).
 - DISCONNECT EXIST. & CONNECT FDR (B-2) AT PNL (ENERGIZE) - NOTE: B-2 RUN TO EXIST. SUBSTATION SS-75E TO REMAIN.
 - DISCONNECT EXIST. & CONNECT CONTROL WIRING DESIGNATED (4) ON DWG. #E-99
 - REMOVE EXIST. FDR (B-2) BACK TO EXIST. ELEVATOR TRANSFER SWITCH.
- L-BT FIRE PUMP**
- INSTALL L-BT COT & WIRE FROM SWGR. BUS #4 TO P.B. #1
 - CUT EXIST. FDR L-BT IN P.B. #1 & REMOVE BACK TO EXIST. SWGR.
 - SPLICE TO EXIST. FDR L-BT IN P.B. #1 (ENERGIZE)

- L-2 HOT WATER HEATERS**
- INSTALL L-2 COT & WIRE FROM SWGR. BUS #3 TO P.B. #9.
 - DISCONNECT TEMPORARY & CONNECT FDR L-2 IN P.B. #9. (ENERGIZE)
 - REMOVE TEMPORARY FDR L-2 BACK TO SWGR.
- L-7 MOTOR CONTROL CENTER - MCC-W75L**
- INSTALL L-7 COT & WIRE FROM SWGR. BUS #4 TO MCC-W75L.
 - DISCONNECT EXIST. & CONNECT FDR L-7 AT MCC-W75L. (ENERGIZE)
 - REMOVE EXIST. FDR & COT, L-2 BACK TO SWGR.
- L-3-TEMP 208/120V. TRANSF. ELEC. CLOS. "W" 59-74th FLR'S.**
- INSTALL L-3-TEMP COT & WIRE FROM SWGR. BUS #4 TO 500KVA TRANSFORMER VIA P.B. #4.
 - DISCONNECT EXIST. & CONNECT FDR L-3-TEMP AT TRANSFORMER (ENERGIZE)
 - REMOVE EXIST. FDR (L-3) BACK TO SWGR.
- R-1-TEMP 208/120V. TRANSF. ELEC. CLOS. "W" 77-92nd FLR'S.**
- INSTALL R-1-TEMP COT & WIRE FROM SWGR. BUS #4 TO 500KVA TRANSFORMER VIA P.B. #4.
 - DISCONNECT EXIST. & CONNECT FDR R-1-TEMP AT TRANSFORMER (ENERGIZE)
 - REMOVE EXIST. FDR (R-1) BACK TO SWGR.
- L-4b 480/277V. ELEC. CLOS. "F" 59th TO 74th FLR'S FUTURE RUN 59th THRU 68th FLR'S**
- INSTALL BUSWAY L-4b FROM SWGR. BUS #3 TO END CAP & "T" TO EXIST. BUSWAY L-4.
 - DISCONNECT EXIST. BUSWAY L-4 AND REMOVE BACK TO EXIST. SWGR.
 - INSTALL BUSWAY TRANSITION BOX ON EXIST. L-4 BUSWAY & CONNECT BUSWAY L-4b. (ENERGIZE)
- L-4a 480/277V. ELEC. CLOS. "S" FUTURE 67th TO 74th FLR'S**
- INSTALL BUSWAY L-4a FROM SWGR. BUS #4 TO END CAP.

LOAD OUTAGES - SEE NOTE #5

- * = CATEGORY "A" OR "B"
** = CATEGORY "C"
- R-16 ERASCO**
- INSTALL R-16 COT & WIRE FROM SWGR. BUS #4 TO P.B. #5.
 - DISCONNECT TEMPORARY & CONNECT FDR R-16 IN P.B. #5. (ENERGIZE)
 - REMOVE TEMPORARY FDR R-16 BACK TO SWGR.
- R-17 ERASCO**
- INSTALL R-17 COT & WIRE FROM SWGR. BUS #3 TO P.B. #5.
 - DISCONNECT TEMPORARY & CONNECT FDR R-17 IN P.B. #5. (ENERGIZE)
 - REMOVE TEMPORARY FDR R-17 BACK TO SWGR.
- 3-3 FULL BANK - SEE DWG. #E-5 STEP (A)**
- INSTALL 3-3 COT & WIRE FROM SWGR. BUS #3 TO P.B. #5.
 - DISCONNECT TEMPORARY & CONNECT FDR 3-3 IN P.B. #5. (ENERGIZE)
 - REMOVE TEMPORARY FDR 3-3 BACK TO SWGR.